

WEST Search History

DATE: Thursday, October 30, 2003

Set Name Query

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result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; THES=ASSIGNEE;
PLUR=YES; OP=ADJ*

L9	homere.xa.	278	L9
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L8	homere.xp.	316	L8
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L7	l6 not (l3)	28	L7
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L6	cach\$ same (database or datawarehouse or repositor\$) same (search\$ or retriev\$ or quer\$)same (stale or obsolete or outdated out of date)	31	L6
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DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=ADJ

L5	5797127.pn.	1	L5
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*DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; THES=ASSIGNEE;
PLUR=YES; OP=ADJ*

L4	L3 not (l1 or l2)	16	L4
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L3	(cach\$ same (database or datawarehouse or repositor\$) same (search\$ or retriev\$ or quer\$)) and ((airline or transport\$ or train or boat or autobus)same (availab\$ or vacan\$ or free) same (seat or ticket or room))	20	L3
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L2	(cach\$ same (database or datawarehouse or repositor\$) same (search\$ or retriev\$ or quer\$)) and ((airline or transport\$ or train or boat or autobus)(availab\$ or vacan\$ or free) same (seat or ticket or room))	4	L2
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L1	cach\$ same (database or datawarehouse or repositor\$) same (search\$ or retriev\$ or quer\$) same (availab\$ or vacan\$ or free) same (seat or ticket or room)	5	L1
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END OF SEARCH HISTORY

WEST

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L4: Entry 9 of 16

File: USPT

Aug 19, 2003

US-PAT-NO: 6609098

DOCUMENT-IDENTIFIER: US 6609098 B1

TITLE: Pricing graph representation for sets of pricing solutions for travel planning system

DATE-ISSUED: August 19, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
DeMarcken; Carl G.	Arlington	MA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
ITA Software, Inc.	Cambridge	MA			02

APPL-NO: 09/ 109328 [PALM]

DATE FILED: July 2, 1998

INT-CL: [07] G06 F 17/60

US-CL-ISSUED: 705/6; 705/400, 709/100, 709/102

US-CL-CURRENT: 705/6; 705/400, 709/100, 709/102

FIELD-OF-SEARCH: 709/100, 709/217, 709/218, 709/219, 705/6, 705/1, 705/5, 705/400, 707/10, 707/102, 701/201, 701/202

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>4862357</u>	August 1989	Ahlstrom et al.	364/407
<input type="checkbox"/>	<u>5021953</u>	June 1991	Webber et al.	364/407
<input type="checkbox"/>	<u>5177684</u>	January 1993	Harker et al.	364/436
<input type="checkbox"/>	<u>5191523</u>	March 1993	Whitesage	364/407
<input type="checkbox"/>	<u>5237499</u>	August 1993	Garback	364/407
<input type="checkbox"/>	<u>5253166</u>	October 1993	Dettelbach et al.	364/407
<input type="checkbox"/>	<u>5255184</u>	October 1993	Hornick et al.	364/407
<input type="checkbox"/>	<u>5331546</u>	July 1994	Webber et al.	364/407
<input type="checkbox"/>	<u>5422809</u>	June 1995	Griffin et al.	364/407
<input type="checkbox"/>	<u>5570283</u>	October 1996	Shoolery et al.	364/407
<input type="checkbox"/>	<u>5623413</u>	April 1997	Matheson et al.	364/436
<input type="checkbox"/>	<u>5644721</u>	July 1997	Chung et al.	395/206
<input type="checkbox"/>	<u>5732398</u>	March 1998	Tagawa	705/5
<input type="checkbox"/>	<u>5794172</u>	August 1998	Matheson et al.	701/117
<input type="checkbox"/>	<u>5797127</u>	August 1998	Walker et al.	705/5
<input type="checkbox"/>	<u>5832454</u>	November 1998	Jafri et al.	705/6
<input type="checkbox"/>	<u>5838973</u>	November 1998	Carpenter-Smith et al.	395/701
<input type="checkbox"/>	<u>5897620</u>	April 1999	Walker et al.	705/5
<input type="checkbox"/>	<u>5948040</u>	September 1999	DeLorme et al.	701/201
<input type="checkbox"/>	<u>6381578</u>	April 2002	DeMarcken	705/6

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
0 451 371	October 1991	EP	
0 762 306	March 1997	EP	
WO 89/07798	August 1989	WO	
WO 97/08639	March 1997	WO	

OTHER PUBLICATIONS

"Towards desktop personal travel agents", D.T. Ndumu, J.C. Collis and H.S. Nwana, BT Technol. J., vol. 16, No. 3, Jul. 1998, pp. 69-78.

ART-UNIT: 2127

PRIMARY-EXAMINER: Banankhah; Majid

ATTY-AGENT-FIRM: Fish & Richardson P.C.

ABSTRACT:

An airline travel planning system is described. The system includes a server computer executing a server process including a search process to search for set of pricing solutions in accordance with at least one destination and at least one origin. The search process represents the set of pricing solutions in the form of a directed acyclic graph. The system also includes a client computer executing a client process on the set of pricing solutions. The client process has a manipulation process that manipulates the set of pricing solutions in response to user preferences. Several processes are described including a process responsive to

user preferences and to set of pricing solutions that provides pricing solutions sorted by said user preference, a process that sorts set of pricing solutions to produce a subset of said set of pricing solutions in accordance with user specified preferences, and a process that prunes from the directed acyclic graph nodes that are no longer contained within the subset of set of pricing solutions.

26 Claims, 33 Drawing figures

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Search Results - Record(s) 1 through 1 of 1 returned.☐ 1. Document ID: US 5797127 A

L5: Entry 1 of 1

File: USPT

Aug 18, 1998

US-PAT-NO: 5797127

DOCUMENT-IDENTIFIER: US 5797127 A

TITLE: Method, apparatus, and program for pricing, selling, and exercising options to purchase airline tickets

DATE-ISSUED: August 18, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Walker; Jay S.	Ridgefield	CT		
Case; T. Scott	Darien	CT		
Jorasch; James A.	Stamford	CT		
Sparico; Thomas M.	Riverside	CT		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE	CODE
Walker Asset Management Limited Partnership	Stamford	CT				02

APPL-NO: 08/ 775591 [PALM]

DATE FILED: December 31, 1996

INT-CL: [06] G06 F 17/60

US-CL-ISSUED: 705/5; 705/37

US-CL-CURRENT: 705/5; 705/37

FIELD-OF-SEARCH: 705/5, 705/37

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<u>4766539</u>	August 1988	Fox	364/401
<u>4885685</u>	December 1989	Wolfberg et al.	364/401
<u>5203620</u>	April 1993	McLennan	312/334.46
<u>5483444</u>	January 1996	Heintzeman et al.	364/401

OTHER PUBLICATIONS

M2 Presswire, "Economic Research Service", Sep. 25, 1996.

Randall Bloomquist, The Washington Post, Conference of A Consumer Electronics Salesman, Aug. 28, 1996, p. R05.

D. K. Piot, The Christian Science Monitor, "Bad News For Travelers", Nov. 17, 1980,

p. 3.

Risk Management Agency Research and Evaluation Division Pilot Programs, Oct. 15, 1996, <http://www.act.fcic.usda.gov/research/pilots.html>.
Croprevue Coverage and Income Protection,
<http://www.agribiz.com/fbFiles/readings/IPFCIC.html>.

ART-UNIT: 271

PRIMARY-EXAMINER: Cosimano; Edward R.

ASSISTANT-EXAMINER: Bainbridge; Barton L.

ATTY-AGENT-FIRM: Fitzpatrick, Cella, Harper & Scinto Brandt; Jeffrey L.

ABSTRACT:

An apparatus, method, and program for determining a price of an option to purchase an airline ticket, and for facilitating the sale and exercise of those options. By purchasing an option, a customer can lock in a specified airfare without tying up his money and without risking the loss of the ticket price if his travel plans change. Pricing of the options may be based on departure location criteria, destination location criteria, and travel criteria.

28 Claims, 6 Drawing figures

Full	Title				CLS.1			REF.1	SEQ.1	ATT.1									
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Terms	Documents
5797127.pn.	1

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L4: Entry 14 of 16

File: USPT

Oct 23, 2001

US-PAT-NO: 6307572

DOCUMENT-IDENTIFIER: US 6307572 B1

TITLE: Graphical user interface for travel planning system

DATE-ISSUED: October 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
DeMarcken; Carl G.	Arlington	MA		
Wertheimer; Jeremy	Brookline	MA		
Mayle; Neil L.	Cambridge	MA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
ITA Software, Inc.	Cambridge	MA			02

APPL-NO: 09/ 109873 [PALM]

DATE FILED: July 2, 1998

INT-CL: [07] G06 K 15/00

US-CL-ISSUED: 345/763; 345/703

US-CL-CURRENT: 345/763; 345/703

FIELD-OF-SEARCH: 347/342, 347/352-355, 347/340-341, 347/348, 347/349, 347/333-336, 347/356-357, 707/10, 455/456, 701/2.1, 701/200, 701/211

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected**Search ALL**

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>5021953</u>	June 1991	Webber et al.	364/407
<input type="checkbox"/>	<u>5191523</u>	March 1993	Whitesage	364/407
<input type="checkbox"/>	<u>5253166</u>	October 1993	Dettelbach et al.	364/407
<input type="checkbox"/>	<u>5331546</u>	July 1994	Webber et al.	364/407
<input type="checkbox"/>	<u>5422809</u>	June 1995	Griffin et al.	364/407
<input type="checkbox"/>	<u>5559707</u>	September 1996	DeLorme et al.	701/200
<input type="checkbox"/>	<u>5570283</u>	October 1996	Shoolery et al.	364/407
<input type="checkbox"/>	<u>5644721</u>	July 1997	Chung et al.	395/206
<input type="checkbox"/>	<u>5786816</u>	July 1998	Macrae et al.	345/339
<input type="checkbox"/>	<u>5797127</u>	August 1998	Walker et al.	705/5
<input type="checkbox"/>	<u>5802492</u>	September 1998	DeLorme et al.	455/456
<input type="checkbox"/>	<u>5826237</u>	October 1998	Macrae et al.	705/2
<input type="checkbox"/>	<u>5838973</u>	November 1998	Carpenter-Smith et al.	395/701
<input type="checkbox"/>	<u>5850221</u>	December 1998	Macrae et al.	345/348
<input type="checkbox"/>	<u>5948040</u>	September 1999	DeLorme et al.	701/281

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
WO 97/08639	March 1997	WO	

ART-UNIT: 213

PRIMARY-EXAMINER: Sax; Steven

ATTY-AGENT-FIRM: Fish & Richardson P.C.

ABSTRACT:

An airline travel planning system is described. The system includes a server computer executing a server process including a search process to search for set of pricing solutions in accordance with at least one destination and at least one origin. The search process represents the set of pricing solutions in the form of a directed acyclic graph. The system also includes a client computer executing a client process on the set of pricing solutions. The client process has a manipulation process that manipulates the set of pricing solutions in response to user preferences. Several processes are described including a process responsive to user preferences and to set of pricing solutions that provides pricing solutions sorted by said user preference, a process that sorts set of pricing solutions to produce a subset of said set of pricing solutions in accordance with user specified preferences, and a process that prunes from the directed acyclic graph nodes that are no longer contained within the subset of set of pricing solutions.

33 Claims, 33 Drawing figures

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L7: Entry 12 of 28

File: USPT

Aug 15, 2000

US-PAT-NO: 6105033

DOCUMENT-IDENTIFIER: US 6105033 A

TITLE: Method and apparatus for detecting and removing obsolete cache entries for enhancing cache system operation

DATE-ISSUED: August 15, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Levine; Donald P.	Glendale	AZ		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Bull HN Information Systems Inc.	Billerica	MA			02

APPL-NO: 09/ 109429 [PALM]

DATE FILED: July 2, 1998

PARENT-CASE:

This application is a continuation-in-part of copending patent application entitled "A Method and Apparatus For Improving the Performance of A Database Management System Through A Central Cache Mechanism", invented by Donald P. Levine and David A. Egolf, bearing Ser. No. 08/999,248 filed on Dec. 29, 1997, which is assigned to the same assignee as this patent application.

INT-CL: [07] G06 F 17/30

US-CL-ISSUED: 707/101; 707/203

US-CL-CURRENT: 707/101; 707/203

FIELD-OF-SEARCH: 714/21, 714/49, 707/101, 707/203, 711/119

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>4791558</u>	December 1988	Chaitin et al.	395/704
<input type="checkbox"/>	<u>4858114</u>	August 1989	Heath et al.	395/527
<input type="checkbox"/>	<u>5794250</u>	August 1998	Carino, Jr. et al.	707/104

OTHER PUBLICATIONS

Delis et al., "Database Support for Software Engineering Environments", IEEE, pp. 311-316, Aug. 1992.

ART-UNIT: 271

PRIMARY-EXAMINER: Black; Thomas G.

ASSISTANT-EXAMINER: Loomis; John C.

ATTY-AGENT-FIRM: Driscoll; Faith F. Solakian; John S.

ABSTRACT:

A host system includes a multicache system configured within a host system's memory which has a plurality of local and central cache systems used for storing information being utilized by a plurality of processes running on the system. The central cache system includes an obsolete code management (OCM) component that operates to detect and remove obsolete entries stored within the central cache system. The OCM component operates to remove obsolete code from all the caches when events cause such obsolescence, e.g., data definition language (DDL) statements are executed. In certain situations, by being able to perform such operations during DDL statement processing, the OCM component further enhances overall system operation.

18 Claims, 23 Drawing figures